

NIRAJ J. ANTANI
42ND DISTRICT

Vice Chair- Committee on Higher
Education & Workforce Development

Committee on Health

Committee on Energy &
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Committee on Community &
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September 4, 2018

Commissioner Brendan Carr
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: WT Docket No. 17-79 - Accelerating Wireless Broadband Deployment by Removing
Barriers to Infrastructure Investment

Dear Commissioner Carr,

Throughout my time serving the people of Ohio's 42nd legislative district, the top priority of mine has been to protect and expand opportunity. While there are many factors that affect opportunity growth in my district, Ohio, and the entire country, it is clear that 5G will be very impactful.

There is no question that 5G's benefits will be felt far and wide. Some even predict it will usher in the next industrial revolution. The process that goes into building these transformational networks is expected to create up to [3 million new American jobs](#). With that will come wage growth and a sizeable boost to GDP. These are real opportunities for hard-working people. We would be wise to work to reduce the timeline for full 5G deployment as much as possible.

By doing so, we would not only deliver 5G's economic and consumer benefits to people sooner – but we would also deliver it in greater abundance. For example, shaving just 12 months off the 5G deployment timeline could add an additional [\\$100 billion](#) to the United States economy.

Sure enough, there are many aspects of 5G deployment that could use some much-needed streamlining. Perhaps most notable is the regulatory process for 5G's essential infrastructure: small cells.

The Ohio Legislature recently passed legislation that modernizes the approval and siting process for small cells. However, to truly expedite the small cell deployment process, broader government action is needed on more than just the state level.

Officials across all levels of government should adopt digital infrastructure policies for the 5G era. Currently, many places treat small cells the size of a pizza box the same as a large cell tower. The two are dramatically different and should be treated differently.

By introducing sensibility into our digital infrastructure rules, we can greatly cut down on the time it takes to deploy the thousands of small cells needed to establish 5G. Currently, a single small cell can take about a year to place. That's a speed we can't afford if we're serious about winning the race to 5G and ensuring it's widely deployed. Change is needed if the United States is to remain a global leader for wireless.

I hope the FCC will take these points into consideration. With a new, national regulatory approach, we can help 5G investment flow to more American communities.

Sincerely,

A handwritten signature in black ink, appearing to read 'Niraj Antani', with a long horizontal flourish extending to the right.

Niraj Antani
State Representative